

CLIMATOLOGICAL DATA

ILLINOIS SECTION

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GENERAL SUMMARY

This month with a State average temperature of 81.0° not only was the warmest August in Illinois climatological history, but this figure has been surpassed only three times; namely, July, 1936, 83.5°; July, 1901, 82.2°; July, 1934, 81.5°. July and August, 1936, combined set an unparalled heat record, averaging 3.3° higher than the previous record two months of July and August, 1916. Temperatures were well above normal generally from about the 12th to the 28th, during which period a heat wave nearly as severe as that of the preceding month was experienced. In point of extreme heat the contrast with previous State records is even more pronounced; taking Springfield for purposes of comparison, 100° or higher was recorded this year during July and August on 26 days, in 1934 on 11 days, and in any previous July-August period dating back to 1879 on 7 days.

While the State average rainfall for this month was the largest of the current crop season, this improvement was the result of above normal amounts over a considerable part of northern Illinois as drought conditions intensified over most of the southern and west-central sections of the State. Rainfall this month was 149% of normal in the northern division, 67% in the central division, and 20% in the southern division. Aside from August, 1909, and June, 1933, this month was the driest of record in the southern division for any crop month in the past 39 years. Comparisons definitely establish the fact that the 1936 drought is the most serious, for the State as a whole, of any occurring during the 59 years of State-wide records. Total State rainfall for the five months ending with August 31st for the serious drought years follow: 1936, 10.05 in.; 1930, 10.88 in.; 1901, 11.08 in.; 1894, 11.52 in.; 1887, 11.81 in.; 1914, 12.05 in.; 1934, 12.93 in.; (normal amount, 18.13 in.)

While marked improvement in rainfall conditions over much of northern Illinois was reflected in the condition of growing crops, the return of the heat wave greatly detracted from the rain's efficaciousness. Intensification of drought conditions in southern and west-central portions of the State combined with the extended period of extremely high temperatures wrought further damage to already badly damaged crops. In the favorable rainfall areas, corn, particularly the late planted, definitely responded, soybeans and alfalfa improved and pastures greened, though the latter was generally still too short to afford much if any pasturage. Much stalk-corn in the south was being fed or cut for fodder or silage, though the stalks were undesirably dry and very low in quantity of actual corn. As the month progressed the water shortage became more serious in the south and west-central sections, hauling stock-water considerable distances being necessary in many cases. Insects, particularly grasshoppers, did considerable damage. In the drier areas plowing for winter grains was delayed.

TEMPERATURE

The mean temperature for the month was 81.0°, which is 6.9° above normal. Monthly means were less than 6° above normal over most of the northern division, while over much of the southern division and in the extreme southwestern part of the central division plus departures ranged from about 8° to slightly more than 9°. During the first week and the last two days of the month daily temperatures averaged near or slightly below normal, while the intervening heat wave carried temperatures to approximately 20° above normal in the central areas of the State. Extremes were 111° at Mt. Vernon and McLeansboro on the 17th and 27th, respectively, and 47° at Mt. Carroll on the 1st.

PRECIPITATION

Precipitation for the State averaged 2.66 inches, which is 0.68 inch below normal. Rainfall was above normal over nearly all of the northern division and the northeastern portion of the central division, excessively so in parts of Ford County and the extreme northeast, while deficiencies generally in the southern and west-central sections of the State ranged from 2.00 inches to more than 3.00 inches. Rockford and Sycamore had monthly totals of 10.73 inches and 10.94 inches, respectively, while a large southern area bounded by Fayette, Randolph, Saline and Alexander counties received less than half an inch, DuQuoin, Perry County being the least with 0.04 inch. The greatest amount within a 24-hour period was 4.27 inches at Sycamore on the 13th and 14th.

STORM DAMAGE (Amounts Estimated)

WIND: 9th, Decatur, damage to property and crops in county, \$7,500; 10th, Effingham, property damage \$1,000; Beason, property damage, \$5,000; 15th, Springfield, minor property damage, including temporary structures at State Fair grounds; 17th, Vienna, barn blown down; 22d, near Monmouth, damage to barn, outbuildings, etc., \$3,000; 23d, Pana, some damage to property; 25th, Aledo, considerable damage. Galva, some property damage; 27th, Monticello, property damage, \$1,100; 28th, Divernon, property loss, \$500; 29th, Lincoln, damage to property, \$15,000. LIGHTNING: 9th, Milledgeville, loss of two barns, \$5,000; 13th, Freeport, loss at county poor farm and vicinity, \$12,500; 16th, Mt. Carroll, loss of barn and stock, \$2,300; 17th, Pond, one death by lightning; 18th, Mendota, one death; 25th, Chicago, two deaths; 26th, Roberts, some stock killed. MORRISON: two large barns and contents burned; 28th, Clinton, house burned, loss, \$2,500; 29th, Lincoln, amount of loss included in figures for wind damage. HAIL: 10th, Clinton, damage to greenhouses, \$600; 19th, London Mills, moderate to heavy; 26th, Pontiac, heavy; 28th, Casey, heavy.

PRESSURE, WIND, HUMIDITY, AND SUNSHINE DATA

Stations	Atmospheric pressure (reduced to sea level)				Wind			Relative humidity			Percentage of sunshine		
	Mean	Highest	Date	Lowest	Date	Average hourly velocity	Maximum velocity	Direction	Date	7 a. m.		12 noon	7 p. m.
Cairo.....	29.97	30.16	31	29.77	10	7.3	18	n.	5	78	47	50	88
Chicago.....	29.99	30.33	1	29.69	18	9.2	32	ne.	5	79	59	67	74
Florida.....	29.98	30.31	1	29.78	18	5.2	28	nw.	25	76	47	52	82
Springfield....	29.95	30.26	1	29.72	25	10.5	44	nw.	15	70	42	45	81

COMPARATIVE AUGUST DATA FOR THE STATE

Year	Temperature			Precipitation, (average)				Number of days				
	Mean	Highest	Lowest	Northern division	Central division	Southern division	State	Snowfall, unmelting	Precipitation of inch or more	Clear	Partly cloudy	Cloudy
1897.....	71.7	108	36	1.16	1.21	0.92	1.12	0.0	5	16	11	4
1898.....	73.8	100	45	5.74	3.44	3.56	4.41	0.0	8	16	10	4
1899.....	76.3	102	44	2.13	3.25	2.23	2.57	0.0	7	17	10	4
1900.....	79.8	111	54	6.00	3.98	1.82	3.87	0.0	8	17	11	3
1901.....	74.8	108	41	1.25	1.79	2.72	1.84	0.0	5	17	9	5
1902.....	71.9	102	41	3.68	5.40	3.85	4.37	0.0	9	12	12	7
1903.....	72.7	102	40	5.32	4.45	3.38	4.46	0.0	9	13	12	6
1904.....	70.8	98	37	4.25	4.13	3.77	4.07	0.0	8	16	10	5
1905.....	75.0	99	47	3.87	3.21	3.25	3.45	0.0	8	16	9	6
1906.....	76.3	101	39	3.80	4.11	4.06	3.98	0.0	9	15	10	6
1907.....	72.9	102	41	4.98	5.63	5.47	5.47	0.0	9	15	10	6
1908.....	74.0	104	38	3.42	1.71	2.20	2.45	0.0	5	19	8	4
1909.....	77.2	105	42	3.90	1.49	0.62	2.22	0.0	5	22	7	2
1910.....	73.3	99	37	3.41	2.04	2.73	2.70	T.	6	15	10	6
1911.....	73.2	104	40	5.52	3.19	3.83	4.19	0.0	9	15	10	6
1912.....	72.6	100	39	3.94	3.72	4.69	4.04	0.0	10	13	11	7
1913.....	78.1	106	45	3.18	2.07	1.77	2.37	0.0	6	18	9	4
1914.....	76.0	104	42	2.28	3.24	5.08	3.43	0.0	8	15	10	6
1915.....	67.7	94	31	3.48	5.02	7.78	6.09	0.0	11	10	11	5
1916.....	77.0	104	40	2.42	3.91	6.83	4.13	0.0	8	17	9	5
1917.....	71.8	101	39	1.48	3.11	3.39	2.66	0.0	7	16	9	6
1918.....	78.8	112	45	3.41	3.77	4.43	3.82	0.0	9	15	11	5
1919.....	73.6	105	44	2.15	3.18	3.26	2.87	0.0	8	18	9	4
1920.....	72.6	99	40	1.86	2.69	4.50	2.91	0.0	8	14	10	7
1921.....	74.2	102	44	5.23	5.10	5.04	5.12	0.0	10	15	10	6
1922.....	75.1	104	42	1.27	1.88	1.90	1.70	0.0	6	18	9	4
1923.....	74.0	103	38	3.58	4.75	6.73	4.89	0.0	11	14	10	7
1924.....	74.1	103	41	7.83	4.75	2.60	5.14	0.0	9	18	7	6
1925.....	74.5	104	45	1.68	3.86	1.52	2.54	0.0	7	18	8	5
1926.....	75.7	105	48	4.05	4.53	6.16	4.83	0.0	12	13	9	5
1927.....	69.1	99	39	2.40	3.64	3.41	3.16	0.0	8	16	8	7
1928.....	75.4	99	44	4.15	2.80	3.85	3.53	0.0	8	18	9	4
1929.....	72.3	100	42	2.31	2.21	3.12	2.46	0.0	6	17	8	6
1930.....	76.2	113	45	2.38	2.00	1.39	1.96	0.0	6	15	10	6
1931.....	74.4	104	44	3.31	3.40	5.62	3.95	0.0	9	15	10	6
1932.....	74.7	101	46	4.65	5.71	6.34	5.51	0.0	11	16	9	6
1933.....	73.5	102	44	2.28	3.07	2.42	2.63	0.0	7	17	9	5
1934.....	75.4	113	33	3.09	4.17	4.10	3.79	0.0	10	14	10	7
1935.....	75.7	104	37	4.16	1.45	2.12	2.59	0.0	7	16	10	5
1936.....	81.0	111	47	4.89	2.19	0.72	2.66	0.0	8	19	8	4
Period.....	74.1	113	31	3.25	3.28	3.58	3.34	T.	8	16	10	5

† 1878 to 1936, except temperature extremes, snowfall, and number of days, 1896 to 1936

Climatological Data for August, 1936

Stations	Counties	Elevation, feet	Temperature, in degrees Fahrenheit							Precipitation, in inches				Number of days			Prevailing direction of wind	Observers			
			Length of rec-ord, years	Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Length of rec-ord, years	Total	Departure from the normal	Greatest in 24 hours	Total snowfall, unmelted or more	Precipitation, 0.1 or more			Clear	Partly cloudy	Cloudy
<i>Northern Division</i>																					
Aledo	Mercer	739	36	80.6	+7.9	106	78	54	30	34	36	3.77	+0.27	1.44	0	9	18	12	1	e.	J. W. Parkinson
Aurora	Kane	678	57	75.8	+4.9	102	22	50	30	43	67	5.19	+1.81	1.63	0	13	17	11	3	ne.	Miss Alice M. Holden
Chicago (University)	Cook	594	65	75.0	+5.4	99	22	57	30	31	66	4.29	+1.08	1.41	0	15	16	8	3	s.	U. S. Weather Bureau
Chicago (Airport)	Cook	610	69	76.2	.....	103	22	55	30	37	9	4.36	.....	1.39	0	14	11	10	10	ne.	U. S. Weather Bureau
Cicero	Cook	608	68	76.5	.....	100	22	54	30	37	2	5.77	.....	2.19	0	15	14	9	8	ne.	George D. Lukes
Dixon	Lee	696	46	77.4	+5.5	103	18	51	1	40	47	4.56	+1.06	1.03	0	12	17	10	4	sw.	Paul T. Shuck
Dwight	Livingston	641	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	9	22	7	2	sw.	J. Frank Ziegler
Elgin	Kane	729	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	12	.....	.....	.....	.....	W. O. Beckner
Fresport	Stephenson	762	30	75.6	+5.3	102	18	50	1	46	32	3.25	+2.51	1.56	0	13	.....	.....	.....	se.	Donald H. Stover
Galena	Jo Daviess	603	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	14	13	17	1	s.	Interstate L. & P. Co.
Galesburg	Knox	758	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	5	22	3	5	sw.	James Barrett
Galva	Henry	849	44	79.2	+6.4	105	18	53	30	36	61	3.06	-0.66	0.67	0	8	20	8	3	sw.	F. R. Peterson
Geneseo	Henry	639	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	11	.....	.....	.....	.....	A. S. McAvey
Henry	Marshall	491	48	79.1	+6.2	107	18	52	30	42	58	2.40	-1.17	0.70	0	7	27	4	0	s.	C. W. Ransom
Joliet	Will	590	45	77.1	+5.5	102	22	51	6	40	45	4.62	+1.33	1.49	0	12	18	8	5	s.	H. D. Grose
Kankakee	Kankakee	631	20	76.7	+4.7	100	13	51	1	40	26	4.29	+0.92	1.25	0	12	19	10	2	ne.	Kankakee Water Co.
La Salle	La Salle	522	32	79.4	+6.3	106	18	51	1	42	35	3.85	-0.05	1.06	0	11	19	6	6	sw.	Western Clock Co.
Mareno	McHenry	889	76	75.3	+5.6	100	18	52	30	41	82	6.97	+3.54	1.27	0	13	17	9	5	ne.	Nebelow V. Woleben
Minonk	Woodford	751	42	79.8	+6.5	105	18	54	6	37	43	1.71	-1.95	0.60	0	8	26	3	2	ne.	John C. Casens
Monmouth	Warren	763	44	80.2	+6.7	105	18	56	30	36	44	3.89	+0.58	1.35	0	11	14	14	3	sw.	Wilfrid E. MacDill
Morris	Grundy	520	25	77.2	+4.3	102	18	49	1	44	25	3.62	+0.58	1.63	0	10	22	7	6	sw.	E. G. Cryder
Morrison	Whiteside	670	41	77.7	+5.6	105	18	53	30	36	41	5.46	+1.81	1.80	0	14	20	7	4	sw.	Albert D. Green
Mount Carroll	Carroll	817	46	75.8	+5.4	103	18	47	1	45	47	4.95	+0.79	2.06	0	15	20	6	5	sw.	James F. McCray
Oregon	Ogle	702	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	12	.....	.....	.....	.....	Victor O. Harshman
Ottawa	La Salle	474	48	77.8	+5.4	105	18	49	1	49	64	3.80	+0.02	0.96	0	13	21	8	2	sw.	Fred Ritzius
Paw Paw	Lee	928	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	15	21	10	0	sw.	Alfred Burnett
Pontiac	Livingston	647	38	79.8	+5.9	103	18	55	6	37	38	3.66	+0.69	1.38	0	10	16	9	6	se.	John D. Ninemire
Princeville	Peoria	745	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	10	.....	.....	.....	.....	Frank S. Stewart
Rochelle	Ogle	720	49	76.4	+5.2	101	18	52	30	39	64	10.73	+7.26	2.50	0	10	18	7	6	e.	F. W. Knowlton
Rockford	Winnebago	720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	19	19	11	1	w.	U. S. Eng'g., Dam No. 15
Rock Island	Rock Island	568	4	79.1	.....	103	18	56	31	33	33	3.76	+0.25	0.84	0	9	27	2	2	w.	H. W. Praefcke
Streator	La Salle	625	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	15	19	9	3	s.	Frank C. Dean
Sycamore	DeKalb	840	66	75.4	+5.2	99	9	51	6	40	56	10.94	+7.22	4.27	0	11	.....	.....	.....	.....	W. W. Kenney
Tiskilwa	Bureau	512	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	11	.....	.....	.....	.....	O. C. Nussle
Walnut	Bureau	714	45	78.2	+5.1	105	18	52	30	40	45	4.54	+0.77	0.98	0	12	.....	.....	.....	.....	B. J. Badger
Waukegan	Lake	668	14	73.2	+4.9	99	22	50	6	40	14	8.02	+5.33	2.23	0	14	9	22	0	sw.	.....
	For the Division	.....	.....	77.5	+5.5	107	18	47	1	49	.....	.....	.....	.....	0	11	19	8	4	sw.	.....
<i>Central Division</i>																					
Bloomington	McLean	830	45	79.6	+5.7	105	13	53	30	37	46	4.12	+0.62	2.00	0	7	16	7	8	se.	J. W. Hardin
Carlinville	Macoupin	627	46	84.2	+8.6	109	18	54	30	38	46	0.51	-3.13	0.22	0	3	20	10	1	s.	Theodore C. Loehr
Cassidy	Clark	648	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	7	.....	.....	.....	.....	Doit Young
Charleston	Coles	636	50	81.2	+6.8	105	18	55	31	34	58	2.87	-0.70	1.88	0	10	22	7	2	ne.	Ronald L. King
Clinton	Dewitt	746	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	5	21	6	4	sw.	Charles T. Sprague
Danville	Vermilion	602	34	79.4	+5.6	104	18	49	31	41	37	3.95	+0.49	1.50	0	10	22	8	1	sw.	M. M. Symons
Decatur	Macon	682	45	80.3	+5.6	106	18	53	31	36	49	2.78	-0.58	0.75	0	7	24	5	2	sw.	Dr. L. E. Coonradt
Effingham	Effingham	591	36	83.7	+8.4	106	18	51	31	40	39	1.44	-0.72	1.10	0	5	27	3	1	s.	A. E. Henderson
Fairview	Fulton	733	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	9	11	16	1	sw.	R. S. Burkett
Golden	Adams	725	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	5	9	21	1	sw.	F. E. Sahland
Griggsville	Pike	685	50	83.8	+8.6	108	18	56	31	36	55	0.79	-2.95	0.42	0	7	23	6	2	s.	R. W. Harvey
Havana	Mason	451	44	81.8	+6.5	107	18	52	31	40	52	2.06	-1.21	0.60	0	5	24	4	3	s.	L. L. Engneuer
Hillsboro	Montgomery	626	42	83.2	+7.4	106	18	55	30	35	42	1.34	-2.51	0.80	0	8	22	7	2	s.	H. A. Cress, Jr.
Hoopeston	Vermilion	717	33	79.5	+6.9	104	18	53	30	39	34	3.58	-0.16	0.97	0	10	23	6	2	sw.	Charles S. Flexman
Jacksonville	Morgan	607	43	82.2	+7.3	108	18	50	1	42	44	0.73	-3.12	0.40	0	3	24	6	1	se.	Norbury Sanatorium
La Harpe	Hancock	691	41	80.8	+7.0	105	18	53	31	40	42	1.77	-1.61	1.22	0	7	18	12	1	sw.	Kent Campbell
Lincoln	Logan	575	48	80.4	+6.7	105	18	55	31	34	49	3.28	-0.17	1.25	0	6	23	7	1	sw.	John L. Gordon
Macomb	McDonough	702	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	8	.....	.....	.....	.....	A. A. Messmore
Morrisonville	Christian	626	39	82.4	+8.2	107	18	51	31	40	41	0.51	-2.97	0.29	0	4	23	7	1	s.	J. D. Lewis
Newton	Jasper	513	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	7	.....	.....	.....	.....	Laurence E. Shup
Palestine	Crawford	514	54	82.2	+7.4	106	18	51	31	37	55	1.53	-2.46	1.00	0	7	24	4	3	sw.	H. M. Gaddis
Pana	Christian	696	46	82.2	+7.4	107	18	55	30	34	50	3.45	-0.28	2.52	0	10	18	11	2	sw.	Amling Rose Co.
Paris	Edgar	739	43	81.1	+6.6	106	18	53	1	37	47	0.92	-2.52	0.53	0	6	23	5	3	sw.	M. L. Ritterhouse
Peoria	Peoria	602	81	80.3	+7.8	106	18	54	30	35	81	2.27	-0.85	0.62	0	10	20	9	2	se.	U. S. Weather Bureau
Quincy	Adams	488	25	86.1	+8.3	109	24	58	1	35	31	0.77	-2.77	0.46	0	7	22	3	6	s.	Henry J. Brinkoetter
Rushville	Ford	786	1	78.4	.....	101	13	54	1	38	26	7.24	+4.32	2.04	0	9	19	10	2	sw.	R. E. Bradbury
SPRINGFIELD	Schuyler	683	45	82.8	+8.5	108	18	56	30	35	46	1.71	-1.75	0.65	0	7	6	2			

Daily Precipitation for August, 1936

Stations	Drainage Basins	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
<i>Northern Division</i>																																		
Aledo	Mississippi				.01	1.44											.01			.12	.33			.34		T.	1.00	.51	.01				3.77	
Aurora	Illinois				.08	T.					.58			.12	1.63					.24	.09	.03	.40	T.	.36		.83	.30	.78	.25			5.19	
Chicago; Univ'y***	Lake Michigan				.02	T.				.30			T.	.14	1.27		.49	T.		.62	.02	.02	.01	.15	.06		.25	.44	.36	.14		T.	4.29	
Chicago; Airport***	Lake Michigan				.04	T.				.66			T.	.11	1.28		.16	T.		.49	.08	.02	T.	.03	.02		.31	.50	.44	.22			4.36	
Cicero	Mississippi				.01	T.					.37			.04	2.15	T.	.20			.72	.06	.01	.04	.09	.17		.26	.65	.50	.50		T.	5.77	
Dixon	Mississippi				.02	.02	.04				.25				1.05		.41			.12		.12	.01		1.03			1.02	.77		T.	4.56		
Dwight	Illinois				.05	.42					.76				1.05		.07						.10					.50	.63	.35			3.95	
Elgin	Illinois				.02	.42					.86			.17	1.77		.06			.50	.21			T.	17.43		.52	.50	.86	1.00			8.90	
Freeport	Mississippi				.03	T.					.42				1.44		.08		.20	.38		T.	.20	T.	1.15		.42	.02	.69	.73			6.25	
Galena	Mississippi				.14						.42				1.05		.01		.12	.32		.01	.40	.80		.02	.20	.92	1.87			5.38		
Galesburg	Mississippi				1.43						T.				1.05						.05	.33					.32	T.	.42			2.71		
Galva	Illinois				T.	.56	.14				.08				1.05		.67				.38	.38						.56		.42			3.06	
Geneseo	Mississippi				.01	.58					.48			T.			.15				.36	.70		T.	.69		.01	.01	.68	.12			3.75	
Henry	Illinois					.40				.48							.10					.27						.27	.20	.50			2.40	
Joliet	Illinois				.07	.15					.41			.45	1.49	.02				.27		.05	T.					.04	.40	.90	.37			4.62
Kankakee	Illinois				.16	.17					.21			.12	1.25	.01	.05			.03		.17				.01		.42	1.11	.70			4.29	
Keithsburg	Mississippi				1.49	.06					.03								.10	.17	.08	.35			.22		.24	.04					2.78	
La Salle	Illinois				.20	.65					.39			T.	.29	.29				T.	.18	.42	.04		.31		T.	1.06	.42	.02			3.85	
Marengo	Mississippi				T.					.52		.05	.83		.21				.60	.26	.04		.14	1.00		.76	.57	.72	1.27			6.97		
Minonk	Illinois				T.	.19					.38			.02	.06							.14					.20	.12	.60			3.89		
Mommouth	Mississippi				.03	1.35					.06			.02	1.63	.07			.05	.07		.05	.07		.02	.93		.43	.01	.03			3.89	
Morris	Illinois				T.	.35					.06			.02	1.63	.07			.05	.07		.05	.07					.50	.75	.12			4.95	
Morrison	Mississippi				.09	.15					.14			T.	.02	.40			.05	.17	.08		.08	1.21		.14	1.06	1.80	.15			5.46		
Mount Carroll	Mississippi				.07	.02					.06			T.	.10	.26	.10		.14	.18	T.	.15	1.51	.08	.12	1.01	.04	.52			T.	4.95		
Oregon	Mississippi				.03	T.					.02			.09	.51	.58	T.		.25	.07	T.			1.21		.42	.08	.77	.83			4.86		
Ottawa	Illinois				.09	.44	.20				.34				.94					.02		.11	.04		.01			.15	.96	.43			3.80	
Paw Paw	Illinois				.04	.01					.09			.15	1.66	.04			.13	.46	.16	T.	.06	.87			.10	.26	1.06	.50			5.59	
Pontiac	Illinois				.01	.23					.16				1.10	.06			.14			.18	.10				.13	1.88	1.00	.30			3.66	
Princeville	Illinois				T.	.73					.08								.09	T.	.27	.01	T.	.06			.20	.16	.40			2.49		
Rochelle	Mississippi				.02	T.					T.			.17	.58				.40	.14	.03				1.03		1.07	.07	.62	.56			5.47	
Rockford	Mississippi				T.						.84				2.10				.34	.23	T.	.25	.37		2.50		1.45	.35	.30	T.		10.73		
Rock Island	Mississippi				T.	.72	.05				T.								.42	.01	.11	.84	T.		.70		1.18	.39	.85			3.76		
Streator	Illinois				.08	.30					.60			.32						.08	.52	.20	.03	T.	.03			1.18	.39	.85			3.78	
Stromora	Mississippi				.03						.45			.76	3.51				.75	.08	.52	.20	.02		.11	2.29	.65	.20	.79	.58			10.94	
Tiskilwa	Illinois				.03						.35			T.	.02	.12			.06	.34	.16	T.	.04	.02		1.70	.03	.67	.99	.17		T.	3.77	
Walnut	Mississippi				T.	.36					.31			T.	.47	.07			.06	.34	.16	T.	.01				.03	.67	.99	.17			4.54	
Waukegan	Lake Michigan										.44			.06	.96	.04			.95	.35	.03	.24	T.	2.23		.80	.45	.44	1.50		.03	8.02		
Wheaton	Illinois				.03	T.					.67			.07	1.56				.25	.09	T.	.23	.70		.70		.31	1.19	.69	.20			6.01	
<i>Central Division</i>																																		
Beardstown	Illinois						.36							.12	.43							.10	T.				.05		T.	T.			1.06	
Bloomington	Illinois				.03	.03								.21	.51																		4.12	
Carlinville	Illinois				T.	.21								T.	.22									T.									0.51	
Casey	Wabash				T.	.42	.05				.84				.03	.02																		1.93
Charleston	Wabash				T.	.02	.14	.03			1.88				.01	.12	.03											.11					2.87	
Clinton	Illinois					.62					1.18				.23							1.04												4.22
Congerville	Illinois					.84					.72			.02	.04				T.		.50	T.						.59	T.	.40			2.61	
Danville	Wabash					.28	.05				.63				.10	.05					.01				.27		1.01		1.50	.09			3.99	
Decatur	Illinois				T.	.51					.17			.55	.57							.14			.09				.75				2.78	
Efingham	Wabash						.03				1.10				.20	.05														.06			1.44	
Fairview	Illinois				.05	.78								T.	.77					.41		.69	1.35		.36	.20		T.	.16				4.17	
Gibson City	Illinois				T.	.32					.18				.32					.88			.98		.36			.93		.04			3.60	
Golden	Mississippi				.02	.24																.22	.09	T.									0.71	
Grafton	Mississippi				T.	.18					T.																						0.94	
Griggsville	Illinois				T.	.42	.02							.05	.05							.01						.04		.15			0.79	
Havana	Illinois					.50					.01			.05																				

Daily Temperatures for August, 1936

Table with columns for Stations, 1-31, and Mean. Rows are categorized into Northern Division, Central Division, and Southern Division, listing various Illinois cities and their daily temperature ranges.

NOTES EXPLANATORY OF PRECEDING TABLES: Except as otherwise indicated observations are made in the evening or late afternoon, and data recorded are for the 24 hours ending at the time of observation. The departures from the normal temperature are computed from the averages of the entire period for stations having 10 or more years of record.